

What is claimed is:

1. A transfer factor effective to confer cell-mediated immunity wherein the immune response is to Human Herpesvirus-6A and Human Herpesvirus-6B.  
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2. A transfer factor effective to confer cell-mediated immunity wherein the immune response is to Human Herpesvirus-6A or Human Herpesvirus-6B  
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3. A method of producing the transfer factor of claim 1 or 2 which comprises immunizing a lactating animal with Human Herpesvirus-6A and Human Herpesvirus-6B, recovering colostrum from the animal, and preparing the transfer factor from the colostrum.  
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4. The method of claim 3 wherein the animal is a bovid.  
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5. A method of producing the transfer factor of claim 1 or 2 which comprises immunizing an animal with Human Herpesvirus-6A and Human Herpesvirus-6B, recovering an immune system component from the animal, and preparing the transfer factor from the immune system component.  
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6. The method of claim 5 wherein the immune system component is dialyzable leukocyte extract.  
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7. The method of claim 5 wherein the immune system component is immune organ lysate.

8. The method of claim 5 wherein the immune system component is a cell line derived from an immune system component.

9. The method of claim 5 wherein the immune system component is a lymphoblastoid cell.

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10. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier.

15 11. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier wherein the carrier is a pharmaceutically acceptable carrier.

20 12. A method of producing a composition which comprises producing the transfer factor of claim 3 or 5 and admixing a carrier wherein the carrier is an edible carrier.

25 13. A method of treating Chronic Fatigue Syndrome in a subject, which comprises administering to the subject an amount of Human Herpesvirus-6A and Human Herpesvirus-6B transfer factors effective to treat the Chronic Fatigue Syndrome.

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14. A method of treating Multiple Sclerosis in a subject, which comprises administering to the subject an amount of Human Herpesvirus-6 transfer factor effective to treat the Multiple Sclerosis.

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15. A method of treating Multiple Sclerosis in a subject, which comprises administering to the subject an amount of Human Herpesvirus-6A and Human Herpesvirus-6B transfer factors effective to treat the Multiple Sclerosis.

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16. A method of treating an abnormality in a subject, which comprises administering to the subject an amount of the transfer factor of claim 2 effective to alleviate the abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6A.

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17. A method of treating an abnormality in a subject, which comprises administering to the subject an amount of the transfer factor of claim 2 effective to alleviate the abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6B.

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18. A method of treating an abnormality in a subject, which comprises administering to the subject an amount of the transfer factor of claim 1 effective to alleviate the abnormality, wherein the abnormality is alleviated by enhancing the

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subject's immune response to Human Herpesvirus-6A and Human Herpesvirus-6B.

19. A composition comprising the transfer factor of  
5 claim 1 or 2 and a carrier.
20. A composition comprising the transfer factor of  
claim 1 or 2 and a carrier, wherein the carrier is  
a pharmaceutically acceptable carrier.  
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21. A composition comprising the transfer factor of  
claim 1 or 2 and a carrier, wherein the transfer  
factor is present in an amount effective to  
enhance a subject's immune response.  
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22. A composition comprising the transfer factor of  
claim 1 or 2 and a carrier, wherein the carrier is  
a pharmaceutically acceptable carrier and wherein  
the transfer factor is present in an amount  
20 effective to enhance a subject's immune response.
23. A composition comprising the transfer factor of  
claim 1 or 2 and a carrier, wherein the carrier is  
an edible carrier and wherein the transfer factor  
25 is present in an amount effective to enhance a  
subject's immune response.
24. The composition of claim 19, wherein the transfer  
factor is capable of passing through a cell  
30 membrane.

25. Use of the transfer factor of claim 2 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6A.

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26. Use of the transfer factor of claim 2 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6B.

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27. Use of the transfer factor of claim 1 for the preparation of a pharmaceutical composition for treating an abnormality, wherein the abnormality is alleviated by enhancing the subject's immune response to Human Herpesvirus-6A and Human Herpesvirus-6B.

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20 28. An edible composition comprising the transfer factor of claim 1 or 2 in an amount effective to enhance a person's immune response and an edible carrier.

25 29. A method of enhancing a person's immune response by administering to the person an amount of the composition of claim 28 effective to enhance a person's immune response.